19 inch LCD Monitor **190B5CS**

the best productivity solution

Superior performance for tough jobs: With superior ergonomics and excellent, clear display plus SmartManage for remote, LAN-based monitor management and low power consumption, the Philips190B5 delivers a big-screen productivity edge.

Outstanding front of screen performance
- Wide viewing angle for extra efficiency
- Fast response time capable of handling fast moving pictures
- Dual Input accepts both analog VGA and digital DVI signals
- SXGA 1280 x 1024 resolution for sharper display
- sRGB ensures color matching between display and printouts

Maximum comfort for maximum productivity
- Audio speakers built into a display device without clutter
- Screen height adjustable for ideal viewing angle
- Screen tilt and swivel adjustment for ideal viewing angle

Lower total cost of ownership
- SmartManage manages display devices remotely
- Lower power consumption than industry average
- Kensington anti-theft lock secures monitor against theft

Great convenience
- Embedded power supply eliminates external power adaptors
- VESA mounting pattern for easy wall mounting of display

PHILIPS

19 inch LCD Monitor

Commercial Specifications

Picture/ Display

• LCD Panel Type	1280 x 1024 pixels, Anti-glare Polarizer, RGB Vertical Stripe
• Panel Size	19"/ 48cm
• Effective Viewing Area	376.3 x 301.1 mm
• Pixel Pitch	0.294 x 0.294 mm
• Brightness (nits)	250
• Contrast Ratio	500:1
• Display Colors	16 M
• Viewing Angle (C/R > 10)	- Horizontal : 176° - Vertical : 176°
• Response Time	25 ms
• White Chromaticity, 6500° K	x = 0.313 / y = 0.329
• White Chromaticity, 9300° K	x = 0.283 / y = 0.297
• Maximum Resolution	1280 x 1024 @ 75Hz
• Recommended Resolution	1280 x 1024 @ 60Hz
• Factory Preset Modes	15 modes
• User Definable Modes	14 modes
• Horizontal Scanning Frequency	30 - 82 KHz
• Refresh Rate (V)	56 - 76 Hz
• sRGB	Yes

Connectivity

• Signal Input	Analog (VGA), DVI-D, PC Audio in
• I/O interface on pad	Headphone Jack

Convenience

• Built-in Audio	2W RMS x 2 (32 PMPO) speakers
• Convenience Enhancements	On-screen Display SmartManage
• Monitor Controls	Auto, Brightness control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
• OSD Languages	English, French, German, Italian, Simplified Chinese, Spanish
• Other Convenience Features	Kensington Lock
• Plug & Play Compatibility	DDC/CI, sRGB, Windows 98/ME/2000/XP
• Regulatory Approvals	CE Mark, E2000, EMC, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO'03, TCO'99, TÜV/GS, TÜV-Ergo
• Swivel	+/- 175°
• Tilt	-5° to 30°
• VESA Mount	100 mm x 100 mm

Accessories

• User Manual	Yes
• Included Accessories	AC Power Cord, Audio Cable, Protective Film, VGA Cable

Dimensions

• Depth (with base)	235 mm
• Height (with base)	410 mm
• Width (with base)	425 mm
• Height Adjustment Range	40 mm
• MTBF	50,000 hrs
• Relative Humidity	20 % - 80 %
• Temperature Range (Operation)	+5°C to +35°C
• Temperature Range (Storage)	-20°C to +60°C
• Weight	7.8 kg

Power

• Complies With	E2000, Energy Star, NUTEK
• Consumption	40 W (Typical)
• Off Mode	1 W
• Power LED Indicator	Operation, Green; Stand by/Sleep, Amber
• Power Supply	Built-in

Product Highlights

Wide viewing angle
The wide viewing angle provides the clearest display from any angle.

Fast response time
The amount of time it takes for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Lower numbers mean faster transitions and therefore result in fewer visible image artifacts.

Dual Input
Connectors to accommodate input of both analog VGA and digital DVI signals.

SXGA, 1280 x 1024 resolution
For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

sRGB ready
Calibrated RGB that is optimized for the vast majority of computer peripherals, monitors, operating systems and browsers, allowing accurate color mapping with very little data overhead.

Built-in Speakers
Audio speakers built into a display device.

Adjustable height
The ability to set your monitor to the most pleasurable viewing height. Height adjustment makes computer work more comfortable and reduces fatigue or eyestrain, even when you spend long hours working on the computer. It makes you more productive.

Screen tilt and swivel
Movement of a screen to attain the ideal viewing angle.

SmartManage
A system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties all accomplished over a LAN.

Lower power consumption
Reduction of the electrical power required to operate a device.

Kensington anti-theft lock
A security device that fixes the monitor in place to prevent theft.

Embedded power supply
A power adaptor built into the body of a display device that replaces a bulky external power adaptor.

VESA mounting holes
A unified industry standard for mounting IT equipment set by the Video Electronics Standards Association.

design award winner 2004

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